

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 304
Dated: 28-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sumer**
Block: **Behta**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **165.0 m bgl**
Logging Depth: **158.0 m bgl**
Date of logging: **27-04-2023**
Rm - **12.0 Ω m** Rw - **14.0 Ω m**

Borehole Drilled by: M/s NCC Limited, Sitapur, Uttar Pradesh.

Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral 6'** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	24 - 28	04	Good
2.	38 - 42	04	Good
3.	61 - 68	07	Good
4.	80 - 84	04	Good
5.	96 - 100	04	Good
6.	114 - 118	04	Good
7.	126 - 130	04	Good
8.	132 - 139	07	Good
9.	150 - 154	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 3 & 6 are highly intermixed with kankar.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

GSh
28/04/23